

Application No. 10/645,333

Filed: August 21, 2003

TC Art Unit: 1742

Confirmation No.: 7603

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AMENDMENT TO THE CLAIMS

1. (Currently Amended) A method for producing a composite metal product containing a carbon nano material and a metal material, comprising the steps of:

mixing the carbon nano material with the metal material in a powder state;

compressing a resultant mixed material to a sheet-shaped solid material by a hot press and forming said sheet-shaped solid mixed material to granules such as chips, pellets, and the like;

melting the metal in the granules and kneading the metal and the carbon nano materials to form to form a composite material and injecting the composite material into a mold to form the composite metal product by using an injection machine; and

obtaining the composite metal product.

2. (Original) The method according to claim 1, wherein the melting and kneading step and the injecting step are performed

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by using an inline screw type injection machine or a screw type preplasticization injection machine.

3. (Previously Presented) The method according to claim 1, wherein the metal material comprises a low melting point metal material.

4. (Previously Presented) A composite metal product containing a carbon nano material and a metal material, wherein said composite metal product is obtained by the method according to claim 1.

5. (Previously Presented) The method according to claim 2, wherein the metal material comprises a low melting point metal material.

6. (Previously Presented) A composite metal product containing a carbon nano material and a metal material, wherein said composite metal product is obtained by the method according to claim 2.

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7. (Previously Presented) A composite metal product containing a carbon nano material and a metal material, wherein said composit metal product is obtained by the method according to claim 3.

8. (Previously Presented) A composite metal product containing a carbon nano material and a metal material, wherein said composit metal product is obtained by the method according to claim 5.